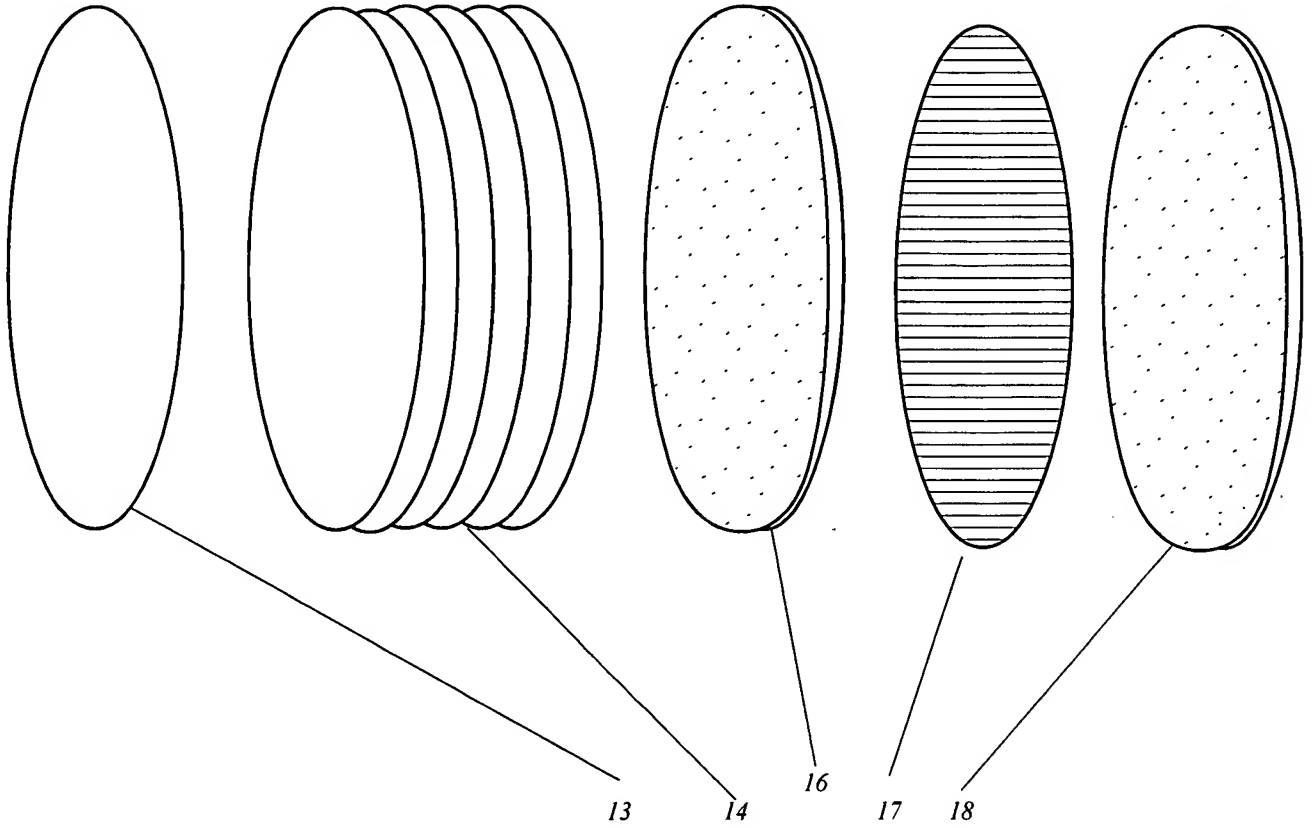



FIG. 1

# Spectral Analysis

| | TRANS | x | y |
|---|---|---|---|
| Illuminate C Photopic | 7.92% | 0.2698 | 0.3023 |
| Illuminate D65 | 7.92% | | |
| Illuminate A | 7.44% | | |
| Illuminate C Scotopic | 9.79% | | |
| Average Blue Light | 6.84% | | |
| UVA | 0.00% | | |
| UVB | 0.00% | | |

| nm | %T | nm | %T |
|---|---|---|---|
| 300 | 0.00 | 550 | 8.16 |
| 310 | 0.00 | 560 | 7.98 |
| 320 | 0.00 | 570 | 7.66 |
| 330 | 0.00 | 580 | 7.14 |
| 340 | 0.00 | 590 | 6.64 |
| 350 | 0.00 | 600 | 6.27 |
| 360 | 0.00 | 610 | 5.96 |
| 370 | 0.00 | 620 | 5.73 |
| 380 | 0.00 | 630 | 5.57 |
| 390 | 0.00 | 640 | 5.58 |
| 400 | 0.06 | 650 | 5.78 |
| 410 | 0.93 | 660 | 6.11 |
| 420 | 3.05 | 670 | 6.51 |
| 430 | 5.28 | 680 | 6.96 |
| 440 | 7.77 | 690 | 7.40 |
| 450 | 10.05 | 700 | 7.82 |
| 460 | 11.74 | 710 | 8.28 |
| 470 | 12.76 | 720 | 8.72 |
| 480 | 13.30 | 730 | 9.17 |
| 490 | 13.27 | 740 | 9.67 |
| 500 | 8.06 | 750 | 10.15 |
| 510 | 8.49 | 760 | 10.63 |
| 520 | 8.88 | 770 | 11.10 |
| 530 | 8.75 | 780 | 11.50 |
| 540 | 8.40 | 790 | 11.83 |

ANSI Z80.3

| | Red | Yellow | Green | D65 |
|---|---|---|---|---|
| TRANS | 5.82% | 8.90% | 8.55% | 7.92% |
| TEST | Fail | Fail | Fail | |
| X | | 6.00 | 0.93 | 7.23 |
| Y | 0.63 | 4.72 | 1.65 | 8.37 |
| Z | | 0.02 | 2.21 | 10.99 |
| x | | 0.5589 | 0.1869 | 0.2719 |
| y | | 0.4396 | 0.3708 | 0.3148 |
| Chromiticity | | Pass | Pass | Pass |

This is a SPECIAL PURPOSE LENS

CEN 94

| | Red | Yellow | Green | Blue |
|---|---|---|---|---|
| TRANS | 5.98% | 6.88% | 8.54% | 9.13% |
| Q | 0.75 | 0.87 | 1.08 | 1.15 |
| TEST | Fail | Pass | Pass | Pass |

This is a FILTER CATEGORY 4

| | Max | Test | Delta |
|---|---|---|---|
| T(280-315) | 0.00 | Pass | 0.78 |
| T(316-350) | 0.00 | Pass | 3.96 |
| SOLAR UVA | 0.00 | Pass | 3.96 |

AUSTRALIAN STANDARDS

| | Red | Violet |
|---|---|---|
| FACTOR | 0.73 | 0.93 |
| This is a | SPECIFIC | |
| | FAIL | FAIL |

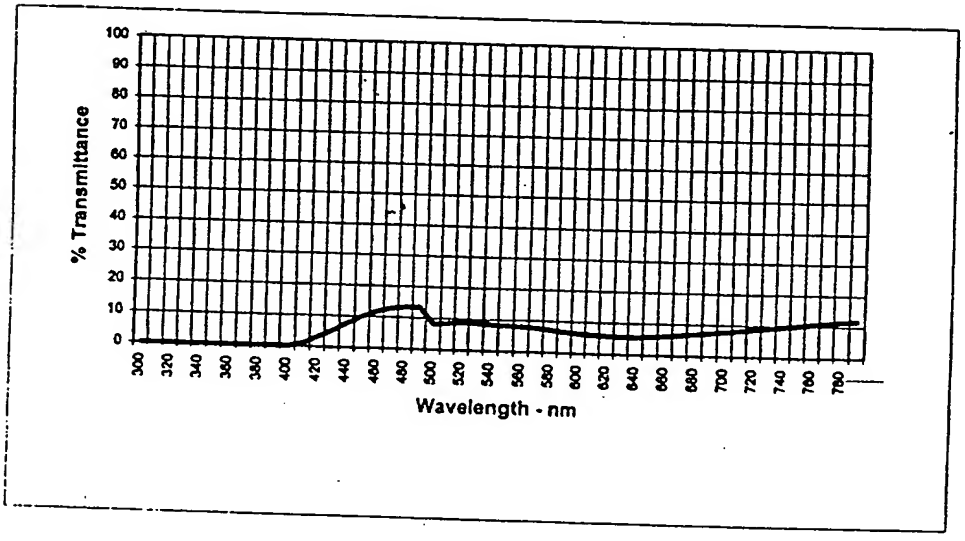



FIG. 2

For Test: **Definition - ANSI Z87.1**

COLTS Control Number: **Z-BZS031601-02-01**

| Lens Sample Group Description | | | | | |
|---|---|---|---|---|---|
| Lens Samples | | Substrate (Lens Material) | | Coatings (Hard Coat, AR, etc) | |
| One Lens Sample Group | | Lens Material: | unk | Type: | Polarized |
| Manufacturer: | Bayz | Index of Refraction: | | Comments: | |
| Lens Type: | FSV | Lens Density: | | Polarized / Grey | |
| Requested By: | DR. Ishak | Report valid thru: | 09/16/01 | | |

| Test Number | Definition | Pass/Fail |
|---|---|---|
| Z-BZS031601-02-01-01 | 28 | Pass |
| Z-BZS031601-02-01-02 | 34 | Pass |
| Z-BZS031601-02-01-03 | 34 | Pass |

ANSI Z87.1 Requirement
Pattern 20 in both directions



FIG. 2A

# Spectral Analysis

| | TRANS | x | y |
|---|---|---|---|
| Illuminate C Photopic | 9.91% | 0.2685 | 0.3050 |
| Illuminate D65 | 9.91% | | |
| Illuminate A | 9.27% | | |
| Illuminate C Scotopic | 12.34% | | |
| Average Blue Light | 8.46% | | |
| UVA | 0.00% | | |
| UVB | 0.00% | | |

| nm | %T | nm | %T |
|---|---|---|---|
| 300 | 0.00 | 550 | 10.27 |
| 310 | 0.00 | 560 | 9.98 |
| 320 | 0.00 | 570 | 9.46 |
| 330 | 0.00 | 580 | 8.87 |
| 340 | 0.00 | 590 | 8.01 |
| 350 | 0.00 | 600 | 7.56 |
| 360 | 0.00 | 610 | 7.19 |
| 370 | 0.00 | 620 | 6.88 |
| 380 | 0.00 | 630 | 6.75 |
| 390 | 0.00 | 640 | 7.02 |
| 400 | 0.05 | 650 | 7.68 |
| 410 | 0.95 | 660 | 8.53 |
| 420 | 3.41 | 670 | 9.38 |
| 430 | 6.13 | 680 | 10.17 |
| 440 | 9.33 | 690 | 10.82 |
| 450 | 12.37 | 700 | 11.37 |
| 460 | 14.65 | 710 | 11.90 |
| 470 | 16.06 | 720 | 12.38 |
| 480 | 16.74 | 730 | 12.87 |
| 490 | 16.69 | 740 | 13.37 |
| 500 | 10.41 | 750 | 13.84 |
| 510 | 10.92 | 760 | 14.31 |
| 520 | 11.36 | 770 | 14.77 |
| 530 | 11.13 | 780 | 15.15 |
| 540 | 10.62 | 790 | 15.47 |

ANSI Z80.3

| | Red | Yellow | Green | D65 |
|---|---|---|---|---|
| TRANS | 7.43% | 8.52% | 10.79% | 9.91% |
| TEST | Fail | Pass | Pass | |
| X | | 7.41 | 1.16 | 8.92 |
| Y | 0.81 | 5.83 | 2.34 | 10.48 |
| Z | | 0.02 | 2.75 | 13.59 |
| x | | 0.5590 | 0.1854 | 0.2704 |
| y | | 0.4394 | 0.3741 | 0.3176 |
| Chromiticity | | Pass | Pass | Pass |

This is a GENERAL PURPOSE LENS

CEN 94

| | Red | Yellow | Green | Blue |
|---|---|---|---|---|
| TRANS | 7.39% | 8.50% | 10.78% | 11.64% |
| Q | 0.75 | 0.86 | 1.09 | 1.17 |
| TEST | Fail | Pass | Pass | Pass |

This is a FILTER CATEGORY 3

| | Max | Test | Delta |
|---|---|---|---|
| T(280-315) | 0.00 | Pass | 0.99 |
| T(316-350) | 0.00 | Pass | 4.96 |
| SOLAR UVA | 0.00 | Pass | 4.96 |

AUSTRALIAN STANDARDS

| | Red | Violet |
|---|---|---|
| FACTOR | 0.73 | 0.91 |

This is a GENERAL PURPOSE SUNGLASS

FAIL PASS

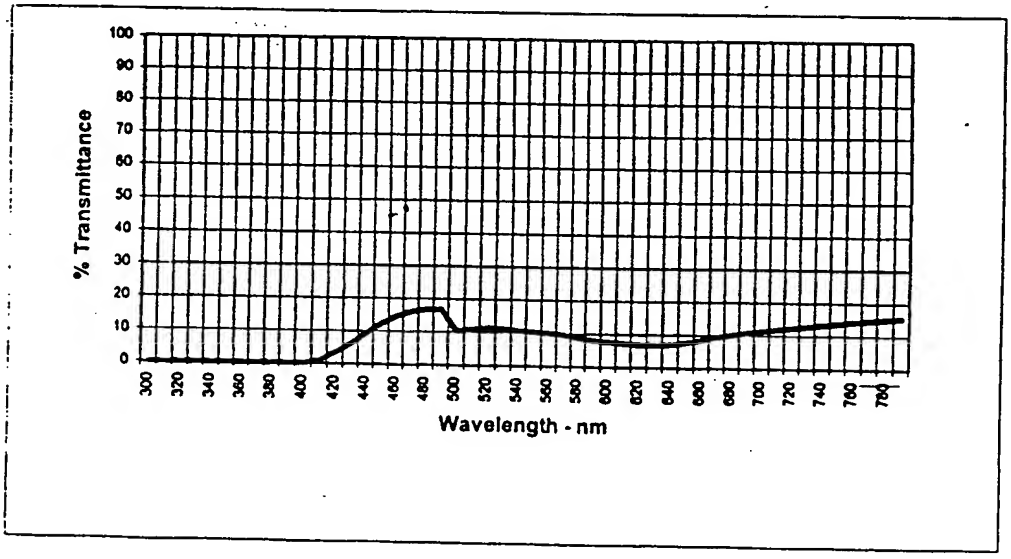



FIG. 3

# Spectral Analysis

| | TRANS | x | y |
|---|---|---|---|
| Illuminate C Photopic | 7.66% | 0.4603 | 0.4827 |
| Illuminate D65 | 7.61% | | |
| Illuminate A | 8.52% | | |
| Illuminate C Scotopic | 2.96% | | |
| Average Blue Light | 0.34% | | |
| UVA | 0.00% | | |
| UVB | 0.00% | | |

| nm | %T | nm | %T |
|---|---|---|---|
| 300 | 0.00 | 550 | 8.54 |
| 310 | 0.00 | 560 | 9.83 |
| 320 | 0.00 | 570 | 10.59 |
| 330 | 0.00 | 580 | 10.73 |
| 340 | 0.00 | 590 | 10.49 |
| 350 | 0.00 | 600 | 10.15 |
| 360 | 0.00 | 610 | 9.77 |
| 370 | 0.00 | 620 | 9.46 |
| 380 | 0.00 | 630 | 9.20 |
| 390 | 0.00 | 640 | 9.00 |
| 400 | 0.01 | 650 | 8.87 |
| 410 | 0.11 | 660 | 8.83 |
| 420 | 0.30 | 670 | 8.86 |
| 430 | 0.37 | 680 | 8.98 |
| 440 | 0.38 | 690 | 9.15 |
| 450 | 0.36 | 700 | 9.38 |
| 460 | 0.35 | 710 | 9.68 |
| 470 | 0.36 | 720 | 10.01 |
| 480 | 0.48 | 730 | 10.37 |
| 490 | 0.88 | 740 | 10.77 |
| 500 | 1.09 | 750 | 11.17 |
| 510 | 2.33 | 760 | 11.56 |
| 520 | 4.19 | 770 | 11.97 |
| 530 | 5.87 | 780 | 12.31 |
| 540 | 7.23 | 790 | 12.58 |

ANSI Z80.3

| | Red | Yellow | Green | D65 |
|---|---|---|---|---|
| TRANS | 9.14% | 9.79% | 6.31% | 7.61% |
| TEST | Fail | Fail | Fail | |
| X | | 9.11 | 0.75 | 7.90 |
| Y | 0.99 | 8.69 | 1.37 | 8.04 |
| Z | | 0.02 | 0.13 | 0.59 |
| x | | 0.5758 | 0.3352 | 0.4779 |
| y | | 0.4232 | 0.6063 | 0.4866 |
| Chromiticity | | Pass | Pass | Pass |

This is a SPECIAL PURPOSE LENS

CEN 94

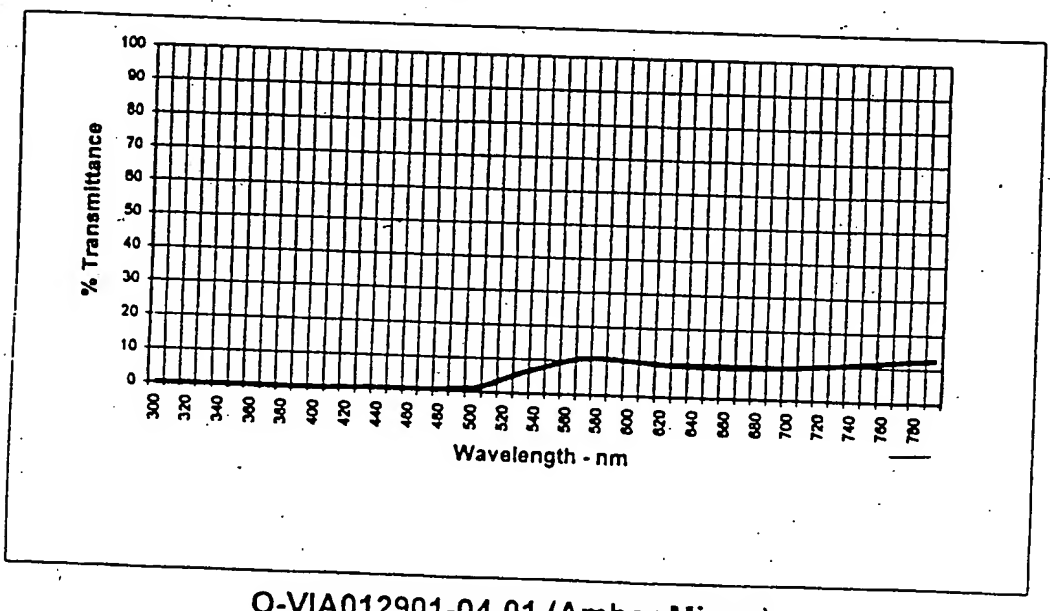
| | Red | Yellow | Green | Blue |
|---|---|---|---|---|
| TRANS | 9.57% | 9.76% | 6.31% | 4.38% |
| Q | 1.26 | 1.28 | 0.83 | 0.58 |
| TEST | Pass | Pass | Pass | Fail |

This is a FILTER CATEGORY 4

| | Max | Test | Delta |
|---|---|---|---|
| T(280-315) | 0.00 | Pass | 0.76 |
| T(316-350) | 0.00 | Pass | 3.81 |
| SOLAR UVA | 0.00 | Pass | 3.81 |

AUSTRALIAN STANDARDS

| | Red | Violet |
|---|---|---|
| FACTOR | 1.20 | 0.04 |
| This is a | SPECIFIC | |
| | FAIL | FAIL |




O-VIA012901-04-01 (Amber Mirror)

FIG. 4

For Test: **Definition - ANSI Z87.1**

| Lens Sample Group Description | | | | | |
|---|---|---|---|---|---|
| Lens Samples | | Substrate (Lens Material) | | Coatings (Hard Coat, AR, etc) | |
| One Lens Sample Group | | Lens Material: | unk | Type: | Polarized |
| Manufacturer: | Bayz | Index of Refraction: | | Comments: | |
| Lens Type: | FSV | Lens Density: | | Polarized / Amber | |
| Requested By: | DR. Ishak | Report valid thru: | 09/16/01 | | |

| Test Number | Definition | Pass/Fail |
|---|---|---|
| Z-BZS031601-01-01-01 | 20 | Pass |
| Z-BZS031601-01-01-02 | 34 | Pass |
| Z-BZS031601-01-01-03 | 34 | Pass |

**ANSI Z87.1 Requirement**
Pattern 20 in both directions

FIG. 4A

# Spectral Analysis

| | TRANS | x | y |
|---|---|---|---|
| Illuminate C Photopic | 9.91% | 0.4766 | 0.4822 |
| Illuminate D65 | 9.85% | | |
| Illuminate A | 10.99% | | |
| Illuminate C Scotopic | 3.94% | | |
| Average Blue Light | 0.51% | | |
| UVA | 0.00% | | |
| UVB | 0.00% | | |

| nm | %T | nm | %T |
|---|---|---|---|
| 300 | 0.00 | 550 | 11.10 |
| 310 | 0.00 | 560 | 12.64 |
| 320 | 0.00 | 570 | 13.52 |
| 330 | 0.00 | 580 | 13.66 |
| 340 | 0.00 | 590 | 13.37 |
| 350 | 0.00 | 600 | 12.96 |
| 360 | 0.00 | 610 | 12.52 |
| 370 | 0.00 | 620 | 12.15 |
| 380 | 0.00 | 630 | 11.83 |
| 390 | 0.00 | 640 | 11.60 |
| 400 | 0.01 | 650 | 11.45 |
| 410 | 0.17 | 660 | 11.40 |
| 420 | 0.44 | 670 | 11.43 |
| 430 | 0.55 | 680 | 11.55 |
| 440 | 0.55 | 690 | 11.75 |
| 450 | 0.53 | 700 | 11.99 |
| 460 | 0.52 | 710 | 12.31 |
| 470 | 0.53 | 720 | 12.66 |
| 480 | 0.72 | 730 | 13.04 |
| 490 | 1.28 | 740 | 13.45 |
| 500 | 1.52 | 750 | 13.84 |
| 510 | 3.20 | 760 | 14.23 |
| 520 | 5.63 | 770 | 14.62 |
| 530 | 7.81 | 780 | 14.92 |
| 540 | 9.52 | 790 | 15.18 |

ANSI Z80.3

| | Red | Yellow | Green | D65 |
|---|---|---|---|---|
| TRANS | 11.76% | 12.56% | 8.24% | 9.85% |
| TEST | Pass | Pass | Pass | |
| X | | 11.67 | 0.97 | 10.15 |
| Y | 1.28 | 8.58 | 1.78 | 10.41 |
| Z | | 0.02 | 0.19 | 0.84 |
| x | | 0.5756 | 0.3308 | 0.4742 |
| y | | 0.4233 | 0.6054 | 0.4883 |
| Chromiticity | | Pass | Pass | Pass |

This is a GENERAL PURPOSE LENS

CEN 94

| | Red | Yellow | Green | Blue |
|---|---|---|---|---|
| TRANS | 12.27% | 12.52% | 8.25% | 5.77% |
| Q | 1.25 | 1.27 | 0.84 | 0.59 |
| TEST | Pass | Pass | Pass | Fail |

This is a FILTER CATEGORY 3

| | Max | Test | Delta |
|---|---|---|---|
| T(280-315) | 0.00 | Pass | 0.98 |
| T(316-350) | 0.00 | Pass | 4.92 |
| SOLAR UVA | 0.00 | Pass | 4.92 |

AUSTRALIAN STANDARDS

| | Red | Violet |
|---|---|---|
| FACTOR | 1.19 | 0.05 |

This is a GENERAL PURPOSE SUNGLASS

FAIL FAIL

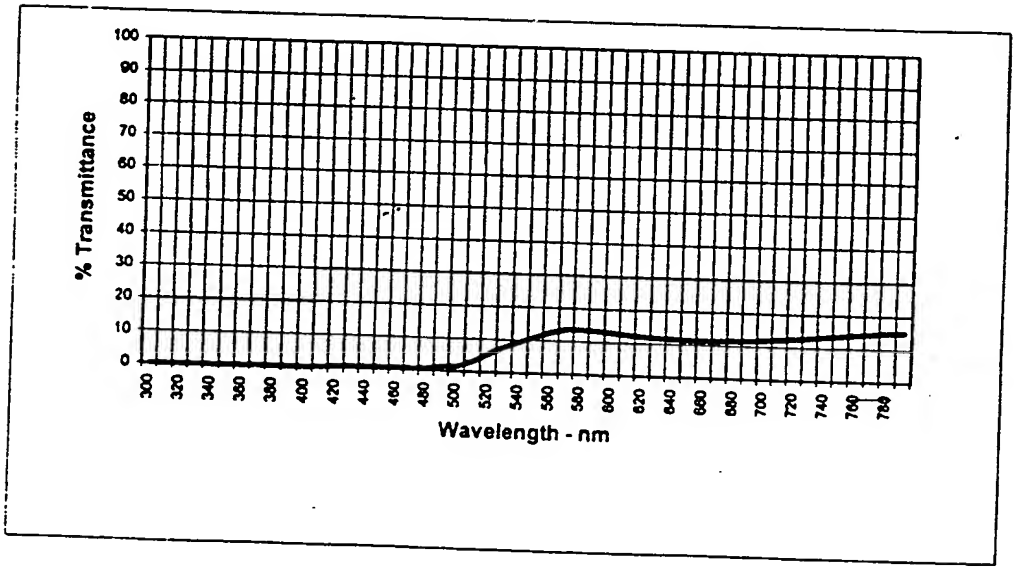



FIG. 5

# Spectral Analysis

| | TRANS | x | y |
|---|---|---|---|
| Illuminate C Photopic | 17.80% | 0.4369 | 0.4180 |
| Illuminate D65 | 17.68% | | |
| Illuminate A | 19.69% | | |
| Illuminate C Scotopic | 10.41% | | |
| Average Blue Light | 4.90% | | |
| UVA | 0.00% | | |
| UVB | 0.00% | | |

| nm | %T | nm | %T |
|---|---|---|---|
| 300 | 0.00 | 550 | 15.34 |
| 310 | 0.00 | 560 | 20.06 |
| 320 | 0.00 | 570 | 22.41 |
| 330 | 0.00 | 580 | 23.37 |
| 340 | 0.00 | 590 | 23.60 |
| 350 | 0.00 | 600 | 24.11 |
| 360 | 0.12 | 610 | 24.62 |
| 370 | 0.63 | 620 | 24.90 |
| 380 | 1.07 | 630 | 25.05 |
| 390 | 2.81 | 640 | 25.13 |
| 400 | 3.78 | 650 | 25.42 |
| 410 | 3.61 | 660 | 25.98 |
| 420 | 3.28 | 670 | 26.75 |
| 430 | 3.23 | 680 | 27.87 |
| 440 | 3.41 | 690 | 28.37 |
| 450 | 4.19 | 700 | 28.82 |
| 460 | 5.26 | 710 | 29.03 |
| 470 | 6.45 | 720 | 29.05 |
| 480 | 7.58 | 730 | 28.95 |
| 490 | 8.57 | 740 | 28.74 |
| 500 | 12.08 | 750 | 28.49 |
| 510 | 13.35 | 760 | 28.20 |
| 520 | 13.17 | 770 | 27.83 |
| 530 | 11.59 | 780 | 27.54 |
| 540 | 11.46 | 790 | 27.25 |

ANSI Z80.3

| | Red | Yellow | Green | D65 |
|---|---|---|---|---|
| TRANS | 25.38% | 22.35% | 14.76% | 17.68% |
| TEST | Pass | Pass | Pass | |
| X | | 22.21 | 1.72 | 19.23 |
| Y | 2.76 | 15.27 | 3.20 | 18.69 |
| Z | | 0.03 | 1.30 | 6.12 |
| x | | 0.5920 | 0.2768 | 0.4367 |
| y | | 0.4072 | 0.5137 | 0.4244 |
| Chromiticity | | Pass | Pass | Pass |

This is a GENERAL PURPOSE LENS

CEN 94

| | Red | Yellow | Green | Blue |
|---|---|---|---|---|
| TRANS | 24.83% | 22.41% | 14.83% | 13.53% |
| Q | 1.40 | 1.27 | 0.83 | 0.77 |
| TEST | Pass | Pass | Pass | Fail |

This is a FILTER CATEGORY 3

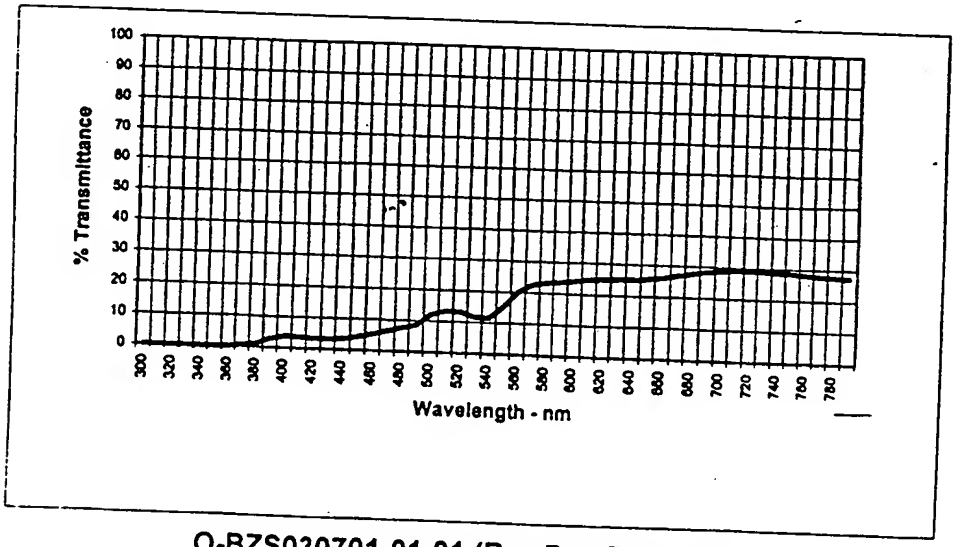
| | Max | Test | Delta |
|---|---|---|---|
| T(280-315) | 0.00 | Pass | 1.77 |
| T(316-350) | 0.00 | Pass | 8.84 |
| SOLAR UVA | 0.00 | Pass | 8.84 |

AUSTRALIAN STANDARDS

| | Red | Violet |
|---|---|---|
| FACTOR | 1.42 | 0.24 |

This is a GENERAL PURPOSE SUNGLASS

PASS FAIL




O-BZS030701-01-01 (Ray Ban Daddy O)

FIG. 6

# Spectral Analysis

| | TRANS | x | y |
|---|---|---|---|
| Illuminate C Photopic | 24.30% | 0.5425 | 0.4364 |
| Illuminate D65 | 23.97% | | |
| Illuminate A | 29.70% | | |
| Illuminate C Scotopic | 6.40% | | |
| Average Blue Light | 0.85% | | |
| UVA | 0.01% | | |
| UVB | 0.00% | | |

| nm | %T | nm | %T |
|---|---|---|---|
| 300 | 0.00 | 550 | 20.05 |
| 310 | 0.00 | 560 | 24.55 |
| 320 | 0.00 | 570 | 30.46 |
| 330 | 0.01 | 580 | 38.21 |
| 340 | 0.02 | 590 | 43.80 |
| 350 | 0.02 | 600 | 44.90 |
| 360 | 0.02 | 610 | 46.00 |
| 370 | 0.04 | 620 | 46.28 |
| 380 | 0.16 | 630 | 47.00 |
| 390 | 0.44 | 640 | 46.23 |
| 400 | 0.70 | 650 | 44.91 |
| 410 | 0.62 | 660 | 45.28 |
| 420 | 0.50 | 670 | 48.40 |
| 430 | 0.51 | 680 | 55.47 |
| 440 | 0.57 | 690 | 64.74 |
| 450 | 0.73 | 700 | 73.63 |
| 460 | 0.89 | 710 | 81.96 |
| 470 | 0.96 | 720 | 85.52 |
| 480 | 1.12 | 730 | 88.83 |
| 490 | 1.62 | 740 | 89.54 |
| 500 | 2.88 | 750 | 90.06 |
| 510 | 3.40 | 760 | 90.94 |
| 520 | 4.76 | 770 | 90.55 |
| 530 | 9.19 | 780 | 91.03 |
| 540 | 15.54 | 790 | 91.27 |

ANSI Z80.3

| | Red | Yellow | Green | D65 |
|---|---|---|---|---|
| TRANS | 47.16% | 37.12% | 15.31% | 23.97% |
| TEST | Pass | Pass | Pass | |
| X | | 39.24 | 2.32 | 31.29 |
| Y | 5.13 | 25.37 | 3.32 | 25.33 |
| Z | | 0.04 | 0.26 | 1.18 |
| x | | 0.6069 | 0.3938 | 0.5414 |
| y | | 0.3924 | 0.5620 | 0.4382 |
| Chromiticity | | Pass | Pass | Pass |

This is a GENERAL PURPOSE LENS

CEN 94

| | Red | Yellow | Green | Blue |
|---|---|---|---|---|
| TRANS | 46.19% | 37.35% | 14.95% | 12.84% |
| Q | 1.93 | 1.56 | 0.62 | 0.54 |
| TEST | Pass | Pass | Fail | Fail |

This is a FILTER CATEGORY 2

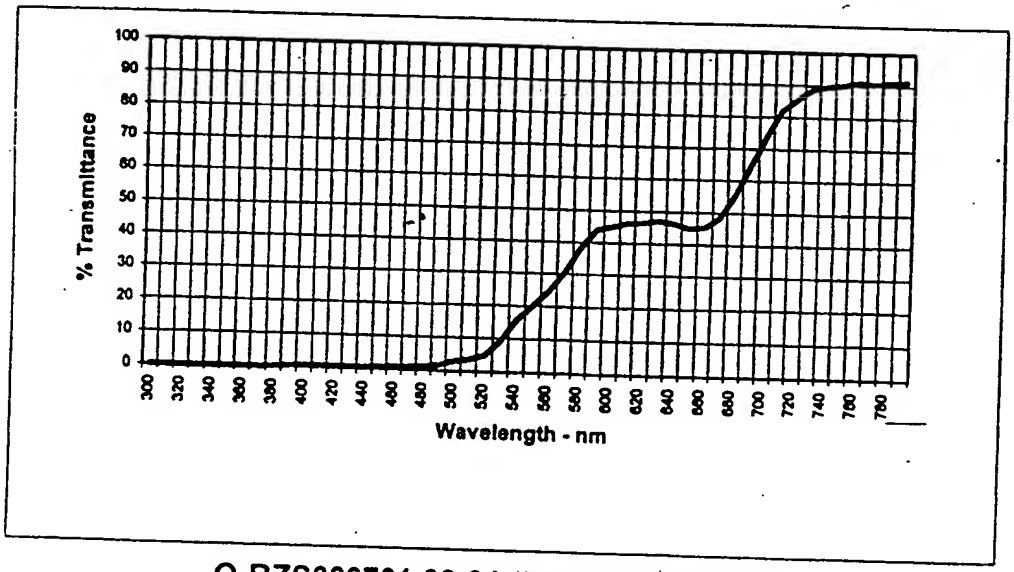
| | Max | Test | Delta |
|---|---|---|---|
| T(280-315) | 0.00 | Pass | 2.40 |
| T(316-350) | 0.00 | Pass | 11.98 |
| SOLAR UVA | 0.00 | Pass | 11.98 |

AUSTRALIAN STANDARDS

| | Red | Violet |
|---|---|---|
| FACTOR | 1.93 | 0.03 |

This is a GENERAL PURPOSE SUNGLASS

PASS FAIL




O-BZS030701-02-01 (BluBlocker 1870)

FIG. 7

# Spectral Analysis

| | TRANS | x | y |
|---|---|---|---|
| Illuminate C Photopic | 12.83% | 0.4465 | 0.4204 |
| Illuminate D65 | 12.74% | | |
| Illuminate A | 14.34% | | |
| Illuminate C Scotopic | 7.18% | | |
| Average Blue Light | 2.58% | | |
| UVA | 0.00% | | |
| UVB | 0.00% | | |

| nm | %T | nm | %T |
|---|---|---|---|
| 300 | 0.00 | 550 | 10.46 |
| 310 | 0.00 | 560 | 12.93 |
| 320 | 0.00 | 570 | 15.91 |
| 330 | 0.00 | 580 | 18.08 |
| 340 | 0.00 | 590 | 18.66 |
| 350 | 0.00 | 600 | 18.50 |
| 360 | 0.00 | 610 | 18.18 |
| 370 | 0.00 | 620 | 17.89 |
| 380 | 0.00 | 630 | 17.72 |
| 390 | 0.00 | 640 | 17.78 |
| 400 | 0.00 | 650 | 18.26 |
| 410 | 0.04 | 660 | 19.25 |
| 420 | 0.23 | 670 | 20.68 |
| 430 | 0.66 | 680 | 22.51 |
| 440 | 1.63 | 690 | 24.44 |
| 450 | 3.07 | 700 | 26.52 |
| 460 | 4.48 | 710 | 28.97 |
| 470 | 5.36 | 720 | 31.41 |
| 480 | 5.72 | 730 | 34.13 |
| 490 | 5.89 | 740 | 37.26 |
| 500 | 7.66 | 750 | 40.38 |
| 510 | 7.93 | 760 | 43.65 |
| 520 | 8.32 | 770 | 47.20 |
| 530 | 8.77 | 780 | 50.53 |
| 540 | 9.30 | 790 | 53.60 |

ANSI Z80.3

| | Red | Yellow | Green | D65 |
|---|---|---|---|---|
| TRANS | 18.45% | 16.40% | 10.37% | 12.74% |
| TEST | Pass | Pass | Pass | |
| X | | 16.43 | 1.25 | 14.10 |
| Y | 2.01 | 11.21 | 2.25 | 13.46 |
| Z | | 0.02 | 0.91 | 4.06 |
| x | | 0.5939 | 0.2836 | 0.4459 |
| y | | 0.4053 | 0.5096 | 0.4258 |
| Chromiticity | | Pass | Pass | Pass |

This is a GENERAL PURPOSE LENS

CEN 94

| | Red | Yellow | Green | Blue |
|---|---|---|---|---|
| TRANS | 18.36% | 16.47% | 10.28% | 9.58% |
| Q | 1.44 | 1.29 | 0.81 | 0.75 |
| TEST | Pass | Pass | Pass | Fail |

This is a FILTER CATEGORY 3

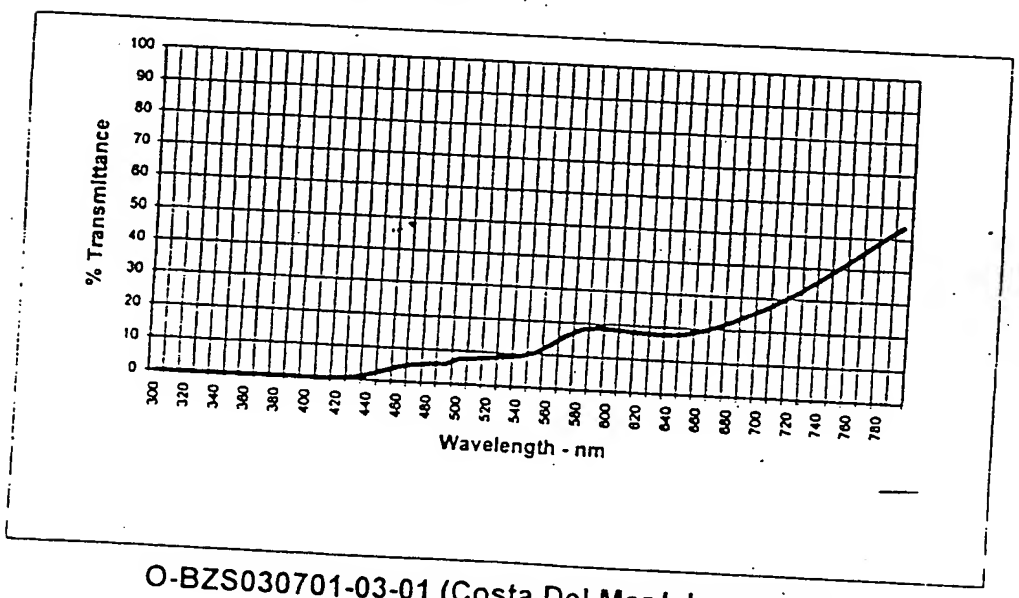
| | Max | Test | Delta |
|---|---|---|---|
| T(280-315) | 0.00 | Pass | 1.27 |
| T(316-350) | 0.00 | Pass | 6.37 |
| SOLAR UVA | 0.00 | Pass | 6.37 |

AUSTRALIAN STANDARDS

| | Red | Violet |
|---|---|---|
| FACTOR | 1.42 | 0.18 |

This is a GENERAL PURPOSE SUNGLASS

PASS FAIL




O-BZS030701-03-01 (Costa Del Mar Islamorada)

FIG. 8

# Spectral Analysis

| | TRANS | x | y |
|---|---|---|---|
| Illuminate C Photopic | 31.10% | 0.4256 | 0.4252 |
| Illuminate D65 | 31.01% | | |
| Illuminate A | 33.63% | | |
| Illuminate C Scotopic | 19.23% | | |
| Average Blue Light | 6.93% | | |
| UVA | 0.00% | | |
| UVB | 0.00% | | |

| nm | %T | nm | %T |
|---|---|---|---|
| 300 | 0.00 | 550 | 30.04 |
| 310 | 0.00 | 560 | 32.33 |
| 320 | 0.00 | 570 | 34.41 |
| 330 | 0.00 | 580 | 36.23 |
| 340 | 0.00 | 590 | 37.88 |
| 350 | 0.00 | 600 | 39.03 |
| 360 | 0.00 | 610 | 40.43 |
| 370 | 0.00 | 620 | 41.65 |
| 380 | 0.00 | 630 | 42.62 |
| 390 | 0.00 | 640 | 43.97 |
| 400 | 0.02 | 650 | 45.22 |
| 410 | 0.58 | 660 | 46.70 |
| 420 | 2.47 | 670 | 48.24 |
| 430 | 4.45 | 680 | 49.95 |
| 440 | 6.38 | 690 | 51.53 |
| 450 | 8.20 | 700 | 53.10 |
| 460 | 9.89 | 710 | 54.75 |
| 470 | 11.88 | 720 | 56.27 |
| 480 | 13.56 | 730 | 57.83 |
| 490 | 15.18 | 740 | 59.51 |
| 500 | 21.03 | 750 | 61.06 |
| 510 | 23.04 | 760 | 62.73 |
| 520 | 24.50 | 770 | 64.39 |
| 530 | 26.19 | 780 | 66.01 |
| 540 | 28.02 | 790 | 67.56 |

ANSI Z80.3

| | Red | Yellow | Green | D65 |
|---|---|---|---|---|
| TRANS | 44.06% | 37.10% | 27.37% | 31.01% |
| TEST | Pass | Pass | Pass | |
| X | | 36.89 | 2.98 | 32.20 |
| Y | 4.80 | 25.35 | 5.93 | 32.77 |
| Z | | 0.06 | 2.35 | 10.79 |
| x | | 0.5921 | 0.2646 | 0.4250 |
| y | | 0.4069 | 0.5268 | 0.4325 |
| Chromiticity | | Pass | Pass | Pass |

This is a GENERAL PURPOSE LENS

CEN 94

| | Red | Yellow | Green | Blue |
|---|---|---|---|---|
| TRANS | 41.77% | 37.21% | 27.34% | 23.06% |
| Q | 1.35 | 1.20 | 0.88 | 0.81 |
| TEST | Pass | Pass | Pass | Pass |

This is a FILTER CATEGORY 2

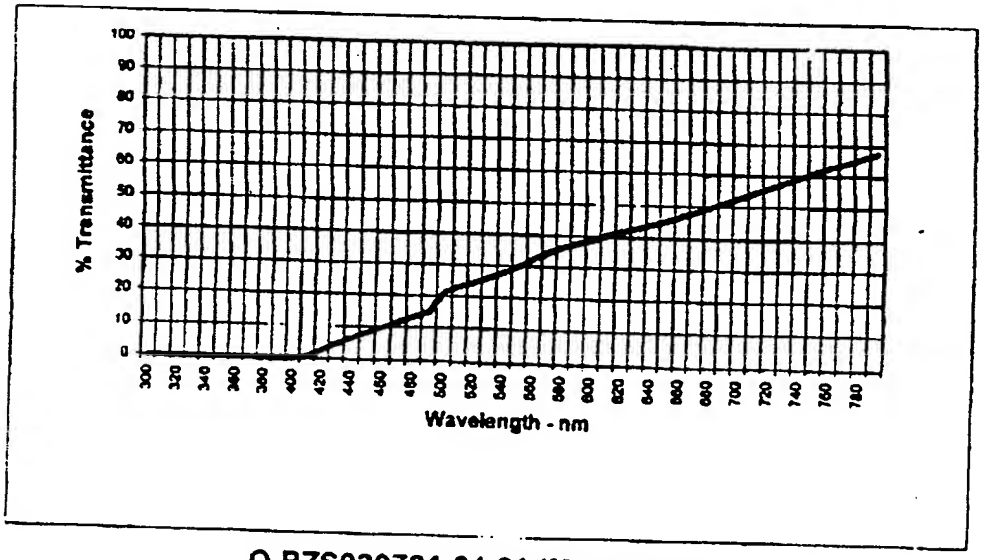
| | Max | Test | Delta |
|---|---|---|---|
| T(280-315) | 0.00 | Pass | 3.10 |
| T(316-350) | 0.00 | Pass | 15.51 |
| SOLAR UVA | 0.00 | Pass | 15.51 |

AUSTRALIAN STANDARDS

| | Red | Violet |
|---|---|---|
| FACTOR | 1.40 | 0.20 |

This is a GENERAL PURPOSE SUNGLASS

PASS FAIL




O-BZS030701-04-01 (Melavision)

FIG. 9

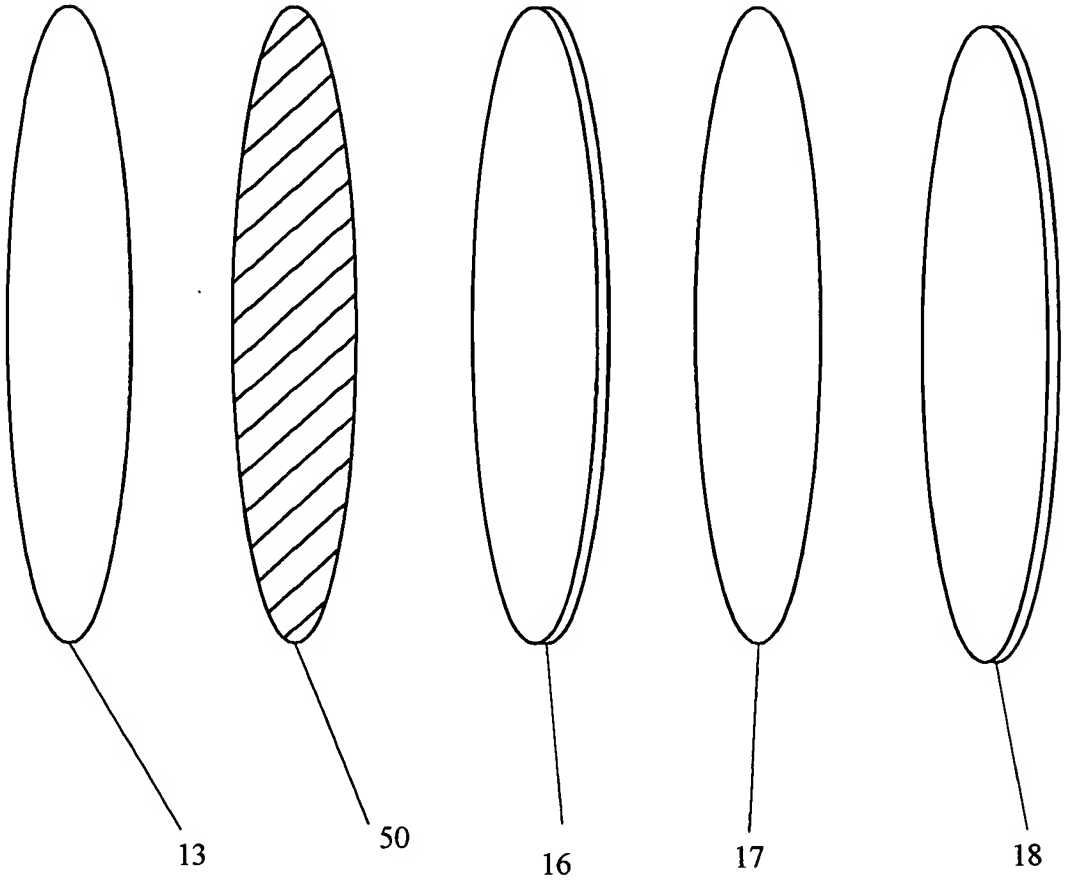



FIG. 10